

Untitled

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog \*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

Welcome to DIALOG

### Status: Login successfulDialog level 05.20.01D

Last logoff: 30nov07 13:53:53

Logon file1 30nov07 15:42:43

\* \* \*

File 1:ERIC 1965-2007/Sep  
(c) format only 2007 Dialog

Set Items Description

Cost is in DialUnits

?

Terminal set to DLINK

? b medicine

>>> 138 is unauthorized

>>>1 of the specified files is not available

30nov07 15:47:20 User294085 Session D139.1

\$0.48 0.137 DialUnits File1

\$0.48 Estimated cost File1

\$1.33 TELNET

\$1.81 Estimated cost this search

\$1.81 Estimated total session cost 0.137 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1926-2007/Nov W4

(c) 2007 The Thomson Corporation

File 34:Scisearch(R) Cited Ref Sci 1990-2007/Dec W1

(c) 2007 The Thomson Corp

File 35:Dissertation Abs Online 1861-2007/Aug

(c) 2007 ProQuest Info&Learning

File 45:EMCare 2007/Nov W4

(c) 2007 Elsevier B.V.

File 65:Inside Conferences 1993-2007/Nov 30

(c) 2007 BLDSC all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2007/Nov W4

(c) 2007 Elsevier B.V.

File 73:EMBASE 1974-2007/NOV 29

(c) 2007 ELSEVIER B.V.

\*File 73: The file has been reloaded and accession numbers have changed. See HELP NEWS 72 for details.

File 91:MANTIS(TM) 1880-2007/Apr

2001 (c) Action Potential

\*File 91: This database has stopped updating temporarily. Please see HELP NEWS 91 for details.

File 98:General Sci Abs 1984-2007/Nov

(c) 2007 The HW Wilson Co.

File 135:NewsRx Weekly Reports 1995-2007/Dec W1

(c) 2007 NewsRx

File 144:Pascal 1973-2007/Nov W2

(c) 2007 INIST/CNRS

File 149:TGG Health&Wellness DB(SM) 1976-2007/Nov W2

(c) 2007 The Gale Group

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File 155:MEDLINE(R) 1950-2007/Nov 29  
(c) format only 2007 Dialog  
\*File 155: Please see HELP NEWS 154 for coming changes to updating.  
File 156:ToxFile 1965-2007/Nov w2  
(c) format only 2007 Dialog  
\*File 156: Please see HELP NEWS 156 for information on changes to updating beginning in November.  
File 159:Cancerlit 1975-2002/Oct  
(c) format only 2002 Dialog  
\*File 159: Cancerlit is no longer updating.  
Please see HELP NEWS159.  
File 162:Global Health 1983-2007/Sep  
(c) 2007 CAB International  
File 164:Allied & Complementary Medicine 1984-2007/Oct  
(c) 2007 BLHCIS  
File 172:EMBASE Alert 2007/Nov 20  
(c) 2007 Elsevier B.V.  
File 266:FEDRIP 2007/Sep  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 369:New Scientist 1994-2007/Sep w4  
(c) 2007 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul w3  
(c) 1999 AAAS  
\*File 370: This file is closed (no updates). Use File 47 for more current information.  
File 399:CA SEARCH(R) 1967-2007/UD=14722  
(c) 2007 American Chemical Society  
\*File 399: Use is subject to the terms of your user/customer agreement.  
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.  
File 434:Scisearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp  
File 444:New England Journal of Med. 1985-2007/Oct w2  
(c) 2007 Mass. Med. Soc.  
File 467:ExtramED(tm) 2000/Dec  
(c) 2001 Informania Ltd.

Set Items Description

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? e au=emeis, joseph

Ref	Items	Index-term
E1	1	AU=EMEIS, JEFF J.
E2	1	AU=EMEIS, JEG J.
E3	0	*AU=EMEIS, JOSEPH
E4	7	AU=EMEIS, JOSEPHUS JAN
E5	4	AU=EMEIS, K.
E6	2	AU=EMEIS, K. -C.
E7	7	AU=EMEIS, K. C.
E8	20	AU=EMEIS, K.-C.
E9	1	AU=EMEIS, K.-CH.
E10	1	AU=EMEIS, KAY C
E11	20	AU=EMEIS, KAY CHRISTIAN
E12	13	AU=EMEIS, KAY-CHRISTIAN

Enter P or PAGE for more

? e au=lasseur christophe

Ref	Items	Index-term
E1	13	AU=LASSEUR CH
E2	3	AU=LASSEUR CH.
E3	9	*AU=LASSEUR CHRISTOPHE
E4	1	AU=LASSEUR CHRISTOPHE ANDRE ANTOINE

# Untitled

E5 8 AU=LASSEUR E  
 E6 6 AU=LASSEUR E.  
 E7 1 AU=LASSEUR F  
 E8 19 AU=LASSEUR J  
 E9 2 AU=LASSEUR J.  
 E10 3 AU=LASSEUR JACQUES  
 E11 1 AU=LASSEUR P  
 E12 118 AU=LASSEUR PH

Enter P or PAGE for more

? s e3 or e1 or e2 or e4

9 AU=LASSEUR CHRISTOPHE  
 13 AU=LASSEUR CH  
 3 AU=LASSEUR CH.  
 1 AU=LASSEUR CHRISTOPHE ANDRE ANTOINE  
 S1 26 AU='LASSEUR CHRISTOPHE' OR AU='LASSEUR CH' OR AU='LASSEUR  
 CH.' OR AU='LASSEUR CHRISTOPHE ANDRE ANTOINE'

? s rhodospirillum or phaeospirillum

14673 RHODOSPIRILLUM  
 57 PHAEOSPIRILLUM

S2 14689 RHODOSPIRILLUM OR PHAEOSPIRILLUM

? s s1 and s2

26 S1  
 14689 S2  
 S3 0 S1 AND S2

? s s26

>>>"S26" does not exist

S4 0 S26

? s s1

S5 26 S1

? rd

S6 12 RD (unique items)

? t s6/3/all

6/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:BIOSIS Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

18107116 BIOSIS NO.: 200500014181

Anaerobic bioconversion of organic waste into biogas by hot water treatment  
 at near-critical conditions: Application in bioregenerative life support

AUTHOR: Lissens Geert (Reprint); Verstraete Willy; Albrecht Tobias; Brunner  
 Gerd; Lasseur Christophe

AUTHOR ADDRESS: LabMet, State Univ Ghent, Coupure L 653, B-9000, Ghent,  
 Belgium\*\*Belgium

JOURNAL: Communications in Agricultural and Applied Biological Sciences 68  
 (2A): p171-174 2003 2003

MEDIUM: print

ISSN: 1379-1176 \_(ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

6/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:BIOSIS Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

17919064 BIOSIS NO.: 200400289821

Advanced anaerobic bioconversion of lignocellulosic waste for  
 bioregenerative life support following thermal water treatment and  
 biodegradation by Fibrobacter succinogenes

AUTHOR: Lissens Geert (Reprint); Verstraete Willy; Albrecht Tobias; Brunner

Untitled

Gerd; Creuly Catherine; Seon Jerome; Dussap Gilles; Lasseur Christophe  
AUTHOR ADDRESS: Lab Microbial Ecol and Technol, State Univ Ghent, Coupure L  
653, B-9000, Ghent, Belgium\*\*Belgium  
AUTHOR E-MAIL ADDRESS: geert.lissens@ugent.be  
JOURNAL: Biodegradation 15 (3): p173-183 June 2004 2004  
MEDIUM: print  
ISSN: 0923-9820  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

17051634 BIOSIS NO.: 200300010353  
MELISSA: A loop of interconnected bioreactors to develop life support in  
Space.  
AUTHOR: Godia F (Reprint); Albiol J; Montesinos J L; Perez J; Creus N;  
Cabello F; Mengual X; Montras A; Lasseur Ch  
AUTHOR ADDRESS: Departament d'Enginyeria Quimica, Escola Tecnica Superior  
d'Enginyeria, Universitat Autonoma de Barcelona, Bellaterra, 08193,  
Barcelona, Spain\*\*Spain  
AUTHOR E-MAIL ADDRESS: francesc.godia@uab.es  
JOURNAL: Journal of Biotechnology 99 (3): p319-330 13 November, 2002 2002  
MEDIUM: print  
ISSN: 0168-1656 (ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

16295508 BIOSIS NO.: 200100467347  
Growth monitoring of a photosynthetic micro-organism (Spirulina platensis)  
by pressure measurement  
AUTHOR: Cogne G (Reprint); Lasseur Ch ; Cornet J-F; Dussap C-G; Gros J-B  
AUTHOR ADDRESS: LGCB, Universite Blaise Pascal, CUST, 24 Avenue des  
Landais, 63174, Aubiere Cedex, France\*\*France  
JOURNAL: Biotechnology Letters 23 (16): p1309-1314 August, 2001 2001  
MEDIUM: print  
ISSN: 0141-5492  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

16135222 BIOSIS NO.: 200100307061  
Potential role of fungi for long term manned space missions  
BOOK TITLE: Mushroom Science  
AUTHOR: Marin-Vinader L (Reprint); Eckhard F; Lasseur Ch ; Wichers H J;  
Soler-Rivas C  
BOOK AUTHOR/EDITOR: Van Griensven L J L D  
AUTHOR ADDRESS: Department of Biochemistry and Molecular Biology B. Faculty  
of Chemistry, University of Murcia, Murcia, Spain\*\*Spain

Untitled  
SERIES TITLE: Mushroom Science 15 p375-383 2000  
MEDIUM: print  
BOOK PUBLISHER: A. A. Balkema {a}, 3000 BR, Rotterdam, Netherlands  
CONFERENCE/MEETING: Proceedings of the 15th International Congress on the  
Science and Cultivation of Edible Fungi MAASTRICHT, Netherlands May  
15-19, 2000; 20000515  
ISSN: 0077-2364 ISBN: 90-5809-143-0 (set); 90-5809-144-9 (vol. 1)  
(cloth); 90-5809-145-7 (vol. 2) (cloth)  
DOCUMENT TYPE: Book; Meeting; Book Chapter; Meeting Paper  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:BIOSIS Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

15939522 BIOSIS NO.: 200100111361  
Organic waste processing method, and uses thereof  
AUTHOR: Lasseur Christophe Andre Antoine (Reprint); Richalet Jacques  
Ernest Nicolas; Verstraete Willy Henry  
AUTHOR ADDRESS: Wassenaar, Netherlands\*\*Netherlands  
JOURNAL: Official Gazette of the United States Patent and Trademark Office  
Patents 1235 (3): June 20, 2000 2000  
MEDIUM: e-file  
PATENT NUMBER: US 6077548 PATENT DATE GRANTED: June 20, 2000 20000620  
PATENT CLASSIFICATION: 426-7 PATENT ASSIGNEE: Agence Spatiale Europeenne,  
Paris, France PATENT COUNTRY: USA  
ISSN: 0098-1133  
DOCUMENT TYPE: Patent  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/7 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2007 INIST/CNRS. All rts. reserv.

17266627 PASCAL No.: 05-0339885  
MELISSA higher plants compartment modeling using EcosimPro  
Journal of aerospace  
ORDONEZ Luis; LASSEUR Christophe ; PUGHON Laurent; WATERS Geoffrey  
YERKES Kirk L, ed  
ESA-ESTEC, TOS-MCT, Unknown; Universite Blaise Pascal, France; CES -  
University of Guelph, United States  
Journal: SAE transactions, 2004, 113 (1) 574-581  
Language: English

Copyright (c) 2005 INIST-CNRS. All rights reserved.

6/3/8 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2007 Dialog. All rts. reserv.

15298154 PMID: 15846877 Record Identifier: 00031095  
The MELISSA pilot plant facility as an integration test-bed for advanced  
life support systems.  
Godia F; Albiol J; Perez J; Creus N; Cabello F; Montras A; Masot A;  
Lasseur Ch  
MELISSA Pilot Plant Laboratory, Departamento d'Enginyeria Quimica, Escola  
Tecnica Superior d'Enginyeria, Universitat Autonoma de Barcelona,  
Bellaterra, Barcelona, Spain. Francesc.Godia@uab.es

Untitled

Advances in space research - the official journal of the Committee on  
Space Research (COSPAR) (United States) 2004, 34 (7) p1483-93, ISSN  
0273-1177--Print Journal Code: 9878935  
Publishing Model Print Grant numbers: ESTEC 11549/95/NL/FG, ESTEC  
13292/98/NL/MV, BIO1998-1594-E.  
Document type: Journal Article; Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NASA  
Other Citation Owner: NASA  
Record type: MEDLINE; Completed

6/3/9 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2007 Dialog. All rts. reserv.

14610115 PMID: 14649254 Record Identifier: 00030031  
Synthesis of biomass and utilization of plants wastes in a physical model  
of biological life-support system.  
Tikhomirov A A; Ushakova S A; Manukovsky N S; Lisovsky G M; Kudenko Yu A;  
Kovalev V S; Gribovskaya I V; Tirrannen L S; Zolotukhin I G; Gros J B;  
Lasseur Ch  
Institute of Biophysics (Russian Academy of Sciences, Siberian Branch),  
Krasnoyarsk, Russia. tikhom@ibp.ru  
Acta astronautica (England) Aug-Nov 2003, 53 (4-10) p249-57, ISSN  
0094-5765--Print Journal Code: 9890631  
Publishing Model Print Grant numbers: ESA-INTAS #99-0444.  
Document type: Journal Article; Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NASA  
Other Citation Owner: NASA  
Record type: MEDLINE; Completed

6/3/10 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2007 Dialog. All rts. reserv.

14503067 PMID: 14503517 Record Identifier: 00029784  
Light intensity and production parameters of phytocenoses cultivated on  
soil-like substrate under controlled [correction of controled] environment  
conditions.  
Tikhomirov A A; Ushakova S A; Gribovskaya I A; Tirrannen L S; Manukovsky N  
S; Zolotukhin I G; Karnachuk R A; Gros J B; Lasseur Ch  
Institute of Biophysics RAS SB, Akademgorodok, Krasnoyarsk, Russia.  
tikhom@ibp.ru  
Advances in space research - the official journal of the Committee on  
Space Research (COSPAR) (United States) 2003, 31 (7) p1775-80, ISSN  
0273-1177--Print Journal Code: 9878935  
Publishing Model Print Grant numbers: ESA-INTAS 99-0444.  
Document type: Comparative Study; Journal Article; Research Support,  
Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NASA  
Other Citation Owner: NASA  
Record type: MEDLINE; Completed

6/3/11 (Item 4 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2007 Dialog. All rts. reserv.

14503058 PMID: 14503509 Record Identifier: 00029775  
Page 6

Untitled

Mass exchange in an experimental new-generation life support system model based on biological regeneration of environment.

Tikhomirov A A; Ushakova S A; Manukovsky N S; Lisovsky G M; Kudenko Yu A; Kovalev V S; Gubanov V G; Barkhatov Yu V; Gribovskaya I V; Zolotukhin I G; Gros J B; Lasseur Ch

Institute of Biophysics (Russian Academy of Sciences, Siberian Branch), Krasnoyarsk, Russia. tikhom@ibp.ru

Advances in space research - the official journal of the Committee on Space Research (COSPAR) (United States) 2003, 31 (7) p1711-20, ISSN 0273-1177--Print Journal Code: 9878935

Publishing Model Print Grant numbers: INTAS-ESA 099-0444.

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NASA

Other Citation Owner: NASA

Record type: MEDLINE; Completed

6/3/12 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2007 Dialog. All rts. reserv.

14060809 PMID: 12481812 Record Identifier: 00028619

Bioregenerative food system cost based on optimized menus for advanced life support.

Waters Geoffrey C R; Olabi Ammar; Hunter Jean B; Dixon Mike A; Lasseur Christophe Hunter J B Cornell U, Ithaca, NY

University of Guelph, Department of Plant Agriculture, Division of Horticultural Science, Ontario, Canada. waters@ces.uoguelph.ca

Life support & biosphere science - international journal of earth space (United States) 2002, 8 (3-4) p199-210, ISSN 1069-9422--Print

Journal Code: 9431217

Publishing Model Print Grant numbers: 5-4222.

Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.

Languages: ENGLISH

Main Citation Owner: NASA

Other Citation Owner: NASA

Record type: MEDLINE; Completed

? ds

Set	Items	Description
S1	26	AU='LASSEUR CHRISTOPHE' OR AU='LASSEUR CH' OR AU='LASSEUR - CH.' OR AU='LASSEUR CHRISTOPHE ANDRE ANTOINE'

S2	14689	RHODOSPIRILLUM OR PHAEOSPIRILLUM
----	-------	----------------------------------

S3	0	S1 AND S2
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S4	0	S26
----	---	-----

S5	26	S1
----	----	----

S6	12	RD (unique items)
----	----	-------------------

? s s2 not py>2002

Processing

Processed 10 of 25 files ...

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Completed processing all files

14689 S2

28421030 PY>2002

S7 13093 S2 NOT PY>2002

? s food

S8 2673866 FOOD

? s s7 and s8

13093 S7

2673866 S8

Untitled

S9 17 S7 AND S8  
? rd  
S10 17 RD (unique items)  
? t s10/k/all  
>>>KWIC option is not available in file(s): 399

10/K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

HYDROGEN PRODUCTION BY THE PHOTOSYNTHETIC BACTERIUM RHODOSPIRILLUM -RUBRUM

...ABSTRACT: specific organic wastes could be an advantage in large-scale production of H together with food protein of high value, compared to other biological systems.

DESCRIPTORS: LACTIC-ACID ORGANIC WASTE PROCESSING GLUTAMATE NUTRITION FOOD PROTEIN PRODUCTION

10/K/2 (Item 1 from file: 34)  
DIALOG(R)File 34:(c) 2007 The Thomson Corp. All rts. reserv.

Title: THE ISOLATION OF ISOAGATHENEDIOL - A NEW TRICYCLIC DITERPENE FROM THE LIPIDS OF RHODOSPIRILLUM -RUBRUM

...Abstract: diterpene, isoagathenediol, has been isolated from the lipid fraction of the photosynthetic non-sulphur bacterium Rhodospirillum rubrum. The compound was present in trace amounts and its structure was determined by NMR...

Research Fronts: 93-2312 002 (CLAISEN REARRANGEMENT; FATTY-ACID COMPOSITION; MARINE MICROALGAE; ORGANIC GEOCHEMISTRY; POLYENE CYCLIZATIONS; FOOD DIET)

10/K/3 (Item 2 from file: 34)  
DIALOG(R)File 34:(c) 2007 The Thomson Corp. All rts. reserv.

...Abstract: from several dinoflagellates has a structure similar to that of the Form II enzyme from Rhodospirillum and Rhodobacter species rather than the Form I Rubisco of eukaryotic algae and higher plants...

...bisphosphate complex. The antibody to the Symbiodinium sp. large subunit cross reacts with both the Rhodospirillum rubrum and Rhodobacter sphaeroides Form II enzyme whereas antibodies to the R. rubrum Rubisco cross...

...Research Fronts: ACTIVITY)  
93-2312 001 (CLAISEN REARRANGEMENT; FATTY-ACID COMPOSITION; MARINE MICROALGAE; ORGANIC GEOCHEMISTRY; POLYENE CYCLIZATIONS; FOOD DIET)  
93-3088 001 (RAT MUSCLE; PROTEIN PHOSPHATASE-1; MAJOR GLUTATHIONE TRANSFERASE)

10/K/4 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2007 INIST/CNRS. All rts. reserv.

English Descriptors: Single cell protein; Biogas; Anaerobic digestion; Animal waste; Liquid effluent; Rhodopseudomonas; Rhodospirillum; Rhodospirillaceae; Bacteria; Food

French Descriptors: Proteine organisme unicellulaire; Biogaz; Digestion anaerobie; Dechet animal; Effluent liquide; Rhodopseudomonas; Rhodospirillum; Rhodospirillaceae; Bacterie; Aliment

10/K/5 (Item 1 from file: 149)



Untitled

DIALOG(R)File 149:(c) 2007 The Gale Group. All rts. reserv.

... unusual types of plastics.

Some scientists even dream of putting genes for plastic production into food crops. In this fantasy, the farmers of tomorrow will raise polyesters right alongside potatoes.

Sound...different feedstocks to see what comes out, not only when they are given their normal food but also when they are fed organic molecules they would not see in nature. "You...

...grafts of blood vessels, Lenz suggests. He and Fuller have also studied a photosynthetic bacteria, *Rhodospirillum rubrum*, that uses energy from sunlight to produce a new class of polyesters.

Fuller, a...

...strategic considerations is the dependence on petroleum," he adds. If polymers could be grown in food crops, it would give the United

10/K/6 (Item 1 from file: 155)

DIALOG(R)File 155:(c) format only 2007 Dialog. All rts. reserv.

...; Bacteria--analysis--AN; Benzoates--metabolism--ME; Escherichia coli --growth and development--GD; Esters--analysis--AN; Food Preservation; Growth Substances--pharmacology--PD; *Rhodospirillum* --metabolism--ME; Ubiquinone--biosynthesis--BI

10/K/17 (Item 1 from file: 434)

DIALOG(R)File 434:(c) 2006 The Thomson Corp. All rts. reserv.

Title: ANTENNA HOLOCHROME-B880 OF RHODOSPIRILLUM -RUBRUM S1 - PIGMENT, PHOSPHOLIPID, AND POLYPEPTIDE COMPOSITION

...Research Fronts: 83-3161 001 (PURIFICATION, CHARACTERIZATION, AND AMINO-ACID COMPOSITION OF PROTEINS FROM MILK AND OTHER FOOD PRODUCTS)  
? t s10/3/all

10/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

05735773 BIOSIS NO.: 197968047272

HYDROGEN PRODUCTION BY THE PHOTOSYNTHETIC BACTERIUM RHODOSPIRILLUM -RUBRUM

AUTHOR: ZUERRER H (Reprint); BACHOFEN R

AUTHOR ADDRESS: INST PFLANZENBIOL, UNIV ZUR, CH-8008 ZURICH, SWITZ\*\*

SWITZERLAND

JOURNAL: Applied and Environmental Microbiology 37 (5): p789-793 1979

ISSN: 0099-2240

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

10/3/2 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rts. reserv.

04419302 Genuine Article#: TB873 No. References: 26

Title: THE ISOLATION OF ISOAGATHENEDIOL - A NEW TRICYCLIC DITERPENE FROM THE LIPIDS OF RHODOSPIRILLUM -RUBRUM

Author(s): CHUCK JA; BARROW KD

Corporate Source: CARLSBERG LAB, DEPT PHYSIOL, GAMLE CARLSBERG VEJ 10/DK-2500 COPENHAGEN//DENMARK/; UNIV NEW S WALES, SCH BIOCHEM & MOLEC

Untitled

GENET/SYDNEY/NSW 2052/AUSTRALIA/  
Journal: MICROBIOLOGY-UK, 1995, V141, OCT (OCT), P2659-2663  
ISSN: 1350-0872  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

10/3/3 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2007 The Thomson Corp. All rts. reserv.

03906398 Genuine Article#: QQ532 No. References: 18  
Title: EVIDENCE THAT SOME DINOFLAGELLATES CONTAIN A  
RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE OXYGENASE RELATED TO THAT OF THE  
ALPHA-PROTEOBACTERIA  
Author(s): WHITNEY SM; SHAW DC; YELLOWLEES D  
Corporate Source: JAMES COOK UNIV N QUEENSLAND,DEPT MOLEC  
SCI/TOWNSVILLE/QLD 4811/AUSTRALIA/; JAMES COOK UNIV N QUEENSLAND,DEPT  
MOLEC SCI/TOWNSVILLE/QLD 4811/AUSTRALIA/; AUSTRALIAN NATL UNIV,JOHN  
CURTIN SCH MED RES,DIV BIOCHEM & MOLEC BIOL/CANBERRA/ACT  
2601/AUSTRALIA/  
Journal: PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL  
SCIENCES, 1995, V259, N1356 (MAR 22), P271-275  
ISSN: 0962-8452  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

10/3/4 (Item 1 from file: 144)  
DIALOG(R)File 144:Pasca1  
(c) 2007 INIST/CNRS. All rts. reserv.

05634593 PASCAL No.: 84-0135055  
Single cell protein production by photosynthetic bacteria grown on the  
clarified effluents of biogas plant  
SUDHANSHU VRATI  
G. B. Pant univ. agriculture & technology, coll. basic sci. humanities,  
Pantnagar 263 145, India  
Journal: Applied microbiology and biotechnology, 1984, 19 (3) 199-202  
Language: English

10/3/5 (Item 1 from file: 149)  
DIALOG(R)File 149:TGG Health&wellness DB(SM)  
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01190344 SUPPLIER NUMBER: 08056513 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
In search of the plastic potato. (biopolymer engineering; includes related  
article)  
Pool, Robert  
Science, v245, n4923, p1187(3)  
Sept 15,  
1989  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0036-8075 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic  
WORD COUNT: 2218 LINE COUNT: 00205

10/3/6 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2007 Dialog. All rts. reserv.

02684805 PMID: 4897403  
[The role of p-hydroxybenzoic acid in plants and animals]  
Rolle der p-Hydroxybenzoesaure in Pflanzen und Tieren.

Untitled

Sabalitschka T  
Arzneimittel-Forschung (GERMANY, WEST) Aug 1969, 19 (8) p1315-7,  
ISSN 0004-4172--Print Journal Code: 0372660  
Publishing Model Print  
Document type: Journal Article; Review  
Languages: GERMAN  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

10/3/7 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

137221359 CA: 137(15)221359y PATENT  
Coffee bean refuse recycling method and production of garbage treatment  
material, deodorization material, and soil amendment  
INVENTOR(AUTHOR): Shimada, Tsumoru; Hayashi, Mitsuo  
LOCATION: Japan,  
PATENT: Japan Kokai Tokkyo Koho ; JP 2002254057 A2 DATE: 20020910  
APPLICATION: JP 2001106508 (20010227)  
PAGES: 3 pp. CODEN: JKXXAF LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:  
CLASS: B09B-003/00A; A61L-009/01B; B01J-020/24B; C09K-017/32B;  
C09K-101/00B

10/3/8 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

137153938 CA: 137(11)153938j PATENT  
Biotechnological production of aromas and aroma compounds  
INVENTOR(AUTHOR): Eisele, Peter  
LOCATION: Germany,  
PATENT: Germany Offen. ; DE 10009433 A1 DATE: 20020814  
APPLICATION: DE 10009433 (20000420)  
PAGES: 4 pp. CODEN: GWXXBX LANGUAGE: German  
PATENT CLASSIFICATIONS:  
CLASS: C12P-001/00A; A61K-007/46B; A23L-001/23B

10/3/9 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

132035054 CA: 132(4)35054s PATENT  
Preparation containing effective microbial population  
INVENTOR(AUTHOR): Toratani, Hisao; Huang, Changbing; Ge, Jun  
LOCATION: Peop. Rep. China,  
PATENT: Faming Zh. Sh. Gong. Shuom ; CN 1176790 A DATE: 19980325  
APPLICATION: CN 96109797 (19960913)  
PAGES: 6 pp. CODEN: CNXXEV LANGUAGE: Chinese  
PATENT CLASSIFICATIONS:  
CLASS: A61K-035/66A; C12P-039/00B; C12N-001/20B; C12N-001/16B;  
A23K-001/16B

10/3/10 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

132011837 CA: 132(2)11837y PATENT  
Page 11

Untitled  
Preparation and application of Rhodospirillum preparation  
INVENTOR(AUTHOR): Wang, Houde; Li, Shengxue  
LOCATION: Peop. Rep. China,  
PATENT: Faming Zh. Sh. Gong. Shuom ; CN 1172653 A DATE: 19980211  
APPLICATION: CN 97112215 (19970715)  
PAGES: 6 pp. CODEN: CNXXEV LANGUAGE: Chinese  
PATENT CLASSIFICATIONS:  
CLASS: A61K-035/74A; C12P-001/04B; C12N-001/20B

10/3/11 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

128282211 CA: 128(23)282211e JOURNAL  
Production and feed value of phototrophic bacteria biomass on the base of  
mineral waters  
AUTHOR(S): Eliazyan, A. A.; Paronyan, A. Kh.; Afrikyan, E. G.  
LOCATION: Inst. Mikrobiol., NAN Arm., Abovyan, Armenia,  
JOURNAL: Biotekhnologiya DATE: 1997 NUMBER: 6 PAGES: 51-54 CODEN:  
BTKNEZ ISSN: 0234-2758 LANGUAGE: Russian PUBLISHER:  
Biotekhnologicheskaya Akademiya RF

10/3/12 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

124143772 CA: 124(11)143772t PATENT  
Microbiological medicine containing rich selenium for health-care and  
therapy and its preparation  
INVENTOR(AUTHOR): Wang, Mengliang; Liu, Jibiao; Zhang, Zhaoming  
LOCATION: Peop. Rep. China,  
ASSIGNEE: Kangqiang Biological Technology Development Co., Taiyuan City  
PATENT: Faming Zh. Sh. Gong. Shuom ; CN 1108944 A DATE: 950927  
APPLICATION: CN 94106408 (940621)  
PAGES: 8 pp. CODEN: CNXXEV LANGUAGE: Chinese  
PATENT CLASSIFICATIONS:  
CLASS: A61K-035/78A; C12P-001/04B; C12P-009/00B; C12P-019/34B;  
C12P-017/18B

10/3/13 (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

102137267 CA: 102(16)137267m PATENT  
Biological treatment of food processing wastewater  
LOCATION: Japan,  
ASSIGNEE: Kobayashi, Tatsuji; Soya, Tatsuo  
PATENT: Japan Tokkyo Koho ; JP 8448678 B4 ; JP 5948678 DATE: 841128  
APPLICATION: JP 7694224 (760807)  
PAGES: 9 pp. CODEN: JAXXAD LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:  
CLASS: C02F-003/34

10/3/14 (Item 8 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

100106512 CA: 100(14)106512s JOURNAL  
Production of hydrogen from food by-products by Rhodospirillaceae  
Page 12

# Untitled

AUTHOR(S): Reh, U.  
 LOCATION: Inst. Lebensmittelchem., Tech. Univ. Berlin, Berlin, Fed. Rep. Ger.  
 JOURNAL: wiss. Umwelt DATE: 1983 NUMBER: 4 PAGES: 190-5 CODEN: WUISD5  
 ISSN: 0170-6977 LANGUAGE: German

10/3/15 (Item 9 from file: 399)  
 DIALOG(R)File 399:CA SEARCH(R)  
 (c) 2007 American Chemical Society. All rts. reserv.

97130514 CA: 97(16)130514j JOURNAL  
 Aspects of growth and hydrogen production of the photosynthetic bacterium  
 Rhodospirillum rubrum in continuous culture  
 AUTHOR(S): Zuerrer, Hans; Bachofen, Reinhard  
 LOCATION: Inst. Pflanzenbiol., Univ. Zurich, CH-8008, Zurich, Switz.  
 JOURNAL: Biomass DATE: 1982 VOLUME: 2 NUMBER: 3 PAGES: 165-74  
 CODEN: BIOME9 ISSN: 0144-4565 LANGUAGE: English

10/3/16 (Item 10 from file: 399)  
 DIALOG(R)File 399:CA SEARCH(R)  
 (c) 2007 American Chemical Society. All rts. reserv.

88176715 CA: 88(24)176715t JOURNAL  
 Treatment of food industrial wastewater with Rhodospirillaceae  
 AUTHOR(S): Kitamura, Hiroshi; Kobayashi, Masayasu  
 LOCATION: Fac. Sci., Tokyo Metrop. Univ., Tokyo, Japan  
 JOURNAL: Shokuhin Sangyo Senta Gijutsu Kenkyu Hokoku DATE: 1977  
 VOLUME: 1, PAGES: 143-56 CODEN: SSGHD6 LANGUAGE: Japanese

10/3/17 (Item 1 from file: 434)  
 DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
 (c) 2006 The Thomson Corp. All rts. reserv.

05097940 Genuine Article#: QP943 No. References: 24  
 Title: ANTENNA HOLOCHROME-B880 OF RHODOSPIRILLUM -RUBRUM S1 - PIGMENT,  
 PHOSPHOLIPID, AND POLYPEPTIDE COMPOSITION  
 Author(s): PICOREL R; BELANGER G; GINGRAS G  
 Corporate Source: UNIV MONTREAL,DEPT BIOCHIM/MONTREAL H3C  
 3J7/QUEBEC/CANADA/  
 Journal: BIOCHEMISTRY, 1983, v22, N10, P2491-2497  
 Language: ENGLISH Document Type: ARTICLE  
 ? s cholesterol  
 S11 957348 CHOLESTEROL  
 ? ds

Set	Items	Description
S1	26	AU='LASSEUR CHRISTOPHE' OR AU='LASSEUR CH' OR AU='LASSEUR - CH.' OR AU='LASSEUR CHRISTOPHE ANDRE ANTOINE'
S2	14689	RHODOSPIRILLUM OR PHAEOSPIRILLUM
S3	0	S1 AND S2
S4	0	S26
S5	26	S1
S6	12	RD (unique items)
S7	13093	S2 NOT PY>2002
S8	2673866	FOOD
S9	17	S7 AND S8
S10	17	RD (unique items)
S11	957348	CHOLESTEROL
? s s2 and s11	14689	S2

Untitled

957348 S11  
S12 5 S2 AND S11  
? t s12/3/all

12/3/1 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2007 The Thomson Corp. All rts. reserv.

05790688 Genuine Article#: WX733 No. References: 24  
Title: Size distribution and photophosphorylation of chromatophores from  
Rhodospirillum rubrum  
Author(s): Wang ZY (REPRINT) ; Kudoh M; Ohama Y; Nakatani H; Kobayashi M;  
Nozawa T  
Corporate Source: TOHOKU UNIV,CTR INTERDISCIPLINARY SCI, FAC ENGN, DEPT  
BIOCHEM & ENGN/SENDAI/MIYAGI 98077/JAPAN/ (REPRINT)  
Journal: PHOTOSYNTHESIS RESEARCH, 1997, V51, N1 (JAN), P51-59  
ISSN: 0166-8595 Publication date: 19970100  
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX 17, 3300 AA  
DORDRECHT, NETHERLANDS  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

12/3/2 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2007 The Thomson Corp. All rts. reserv.

04111807 Genuine Article#: RG238 No. References: 31  
Title: 2-DIMENSIONAL CRYSTALLIZATION AND PRELIMINARY STRUCTURE-ANALYSIS OF  
LIGHT-HARVESTING-II (B800-850) COMPLEX FROM THE PURPLE BACTERIUM  
RHODOVULUM-SULFIDOPHILUM  
Author(s): MONTOYA G; CYRKLAFF M; SINNING I  
Corporate Source: EUROPEAN MOLEC BIOL LAB,MEYERHOFSTR 1/D-69012  
HEIDELBERG//GERMANY//; EUROPEAN MOLEC BIOL LAB/D-69012  
HEIDELBERG//GERMANY/  
Journal: JOURNAL OF MOLECULAR BIOLOGY, 1995, V250, N1 (JUN 30), P1-10  
ISSN: 0022-2836  
Language: ENGLISH Document Type: NOTE (Abstract Available)

12/3/3 (Item 3 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2007 The Thomson Corp. All rts. reserv.

00181069 Genuine Article#: CW481 No. References: 53  
Title: ASSIGNMENTS OF N-15 AND H-1-NMR RESONANCES AND A NEUTRAL PH  
IONIZATION IN RHODOSPIRILLUM -RUBRUM CYTOCHROME-C2  
Author(s): YU LP; SMITH GM  
Corporate Source: UNIV CALIF DAVIS,DEPT FOOD SCI & TECHNOL/DAVIS//CA/95616;  
UNIV CALIF DAVIS,DEPT FOOD SCI & TECHNOL/DAVIS//CA/95616  
Journal: BIOCHEMISTRY, 1990, V29, N12, P2914-2919  
Language: ENGLISH Document Type: ARTICLE

12/3/4 (Item 1 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 2006 The Thomson Corp. All rts. reserv.

09058712 Genuine Article#: Q2933 No. References: 35  
Title: PURIFICATION OF PLASMODIUM-FALCIPARUM DIGESTIVE VACUOLES AND PARTIAL  
CHARACTERIZATION OF THE VACUOLAR MEMBRANE ATPASE  
Author(s): CHOI I; MEGO JL  
Corporate Source: UNIV ALABAMA,DEPT BIOL/TUSCALOOSA//AL/35487  
Journal: MOLECULAR AND BIOCHEMICAL PARASITOLOGY, 1988, V31, N1, P71-78

Untitled  
Language: ENGLISH Document Type: ARTICLE

12/3/5 (Item 2 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 2006 The Thomson Corp. All rts. reserv.

07607035 Genuine Article#: E6130 No. References: 682  
Title: THE ELECTRICAL DIMENSION OF CELLS - THE CELL AS A MINIATURE  
ELECTROPHORESIS CHAMBER  
Author(s): DELOOF A  
Corporate Source: CATHOLIC UNIV LEUVEN, INST ZOOL/B-3000 LOUVAIN//BELGIUM/  
Journal: INTERNATIONAL REVIEW OF CYTOLOGY, 1986, V104, P251-352  
Language: ENGLISH Document Type: REVIEW, BIBLIOGRAPHY  
? s phaeospirillum  
S13 57 PHAEOSPIRILLUM  
? ds

Set	Items	Description
S1	26	AU='LASSEUR CHRISTOPHE' OR AU='LASSEUR CH' OR AU='LASSEUR - CH.' OR AU='LASSEUR CHRISTOPHE ANDRE ANTOINE'
S2	14689	RHODOSPIRILLUM OR PHAEOSPIRILLUM
S3	0	S1 AND S2
S4	0	S26
S5	26	S1
S6	12	RD (unique items)
S7	13093	S2 NOT PY>2002
S8	2673866	FOOD
S9	17	S7 AND S8
S10	17	RD (unique items)
S11	957348	CHOLESTEROL
S12	5	S2 AND S11
S13	57	PHAEOSPIRILLUM

? rd  
S14 27 RD (unique items)  
? t s27/3/all  
>>>Set 27 does not exist  
? t s14/k/all  
>>>KWIC option is not available in file(s): 399

14/K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.  
...ABSTRACT: the Alphaproteobacteria with the highest similarity of  
90.9-92.5% with members of genera Phaeospirillum and Magnetospirillum.  
Phylogenetic study of nifH (nitrogenase) and cbbl (RuBisCO) amino acid  
sequence identities confirmed...  
DESCRIPTORS:  
...ORGANISMS: Phaeospirillum (Purple Bacteria)

14/K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.  
DESCRIPTORS:  
...ORGANISMS: Phaeospirillum fulvum (Purple Bacteria)

14/K/3 (Item 3 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.  
DESCRIPTORS:  
ORGANISMS: Phaeospirillum molischianum (Purple Bacteria...  
Page 15

Untitled

14/K/4 (Item 4 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

Architecture of the native photosynthetic apparatus of *Phaeospirillum molischianum*

...ABSTRACT: architecture of the photosynthetic apparatus and analyze the structure of single molecules in chromatophores of *Phaeospirillum molischianum*. Core complexes are formed by the reaction center enclosed by an elliptical light harvesting...

DESCRIPTORS:  
...ORGANISMS: *Phaeospirillum molischianum* (Purple Bacteria

14/K/5 (Item 5 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

...ABSTRACT: taxonomic distance from its closest relatives among the 'Alphaproteobacteria', namely members of the genera *Azospirillum*, *Phaeospirillum*, *Rhodospirillum*, *Rhodocista*, *Magnetospirillum* and *Rhodospira*, *D. vanus* is considered to represent a new phylogenetic lineage...

DESCRIPTORS:  
...ORGANISMS: *Phaeospirillum* (Purple Bacteria

14/K/6 (Item 6 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

DESCRIPTORS:  
...ORGANISMS: *Phaeospirillum fulvum* (Purple Bacteria

14/K/7 (Item 7 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

...ABSTRACT: the two possible alphetacntdot2Bchl pairs that are observed in the crystal structure of LH2 from *Phaeospirillum* (formerly *Rhodospirillum*) *molischianum*, the one with rings III and V of Bchl overlapping. Consistent with...

DESCRIPTORS:  
ORGANISMS: *Phaeospirillum molischianum* (Purple Bacteria...

14/K/8 (Item 8 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

...ABSTRACT: citramalate cycle in *R. rubrum*. PCC from other isocitrate lyase-negative phototrophs, *Rhodobacter sphaeroides* and *Phaeospirillum fulvum*, was not inhibited by itaconate.

DESCRIPTORS:  
...ORGANISMS: *Phaeospirillum fulvum* (Purple Bacteria

14/K/9 (Item 9 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

DESCRIPTORS:  
...ORGANISMS: *Phaeospirillum* (Bacteria



Untitled

14/K/10 (Item 10 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

DESCRIPTORS:

...ORGANISMS: *Phaeospirillum centenaria* (Bacteria...  
... *Phaeospirillum fulvum* (Bacteria...  
... *Phaeospirillum rubrum* (Bacteria

14/K/11 (Item 11 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

...shaped phototrophic purple non-sulfur bacteria of the  
alpha-Proteobacteria: Description of the new genera *Phaeospirillum* gen.  
nov., *Rhodovibrio* gen. nov., *Rhodothalassium* gen. nov. and *Roseospira*  
gen. nov. as well as transfer of *Rhodospirillum fulvum* to *Phaeospirillum*  
*fulvum* comb. nov., of *Rhodospirillum molischianum* to *Phaeospirillum*  
*molischianum* comb. nov., of *Rhodospirillum salinarum* to *Rhodovibrio*  
*salinarum* comb. nov., of *Rhodospirillum sodomense* to...

...ABSTRACT: groups as different genera. Major diagnostic properties of  
these bacteria are compared and new genera *Phaeospirillum* gen. nov.,  
*Roseospira* gen. nov., *Rhodothalassium* gen. nov. and *Rhodovibrio* gen. nov.  
are described with the species *Phaeospirillum fulvum* comb. nov.,  
*Phaeospirillum molischianum* comb. nov., *Rhodovibrio salinarum* comb.  
nov., *Rhodovibrio sodomensis* comb. nov., *Rhodothalassium salexigens* comb.  
nov...

DESCRIPTORS:

...ORGANISMS: *Phaeospirillum* (Purple Nonsulfur Bacteria...  
... *Phaeospirillum -fulvum* (Purple Nonsulfur Bacteria...  
... *Phaeospirillum -molischianum* (Purple Nonsulfur Bacteria

14/K/12 (Item 12 from file: 5)  
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

DESCRIPTORS:

...ORGANISMS: *P. centenaria* { *Phaeospirillum centenaria* } (Purple  
Bacteria)

14/K/13 (Item 1 from file: 35)  
DIALOG(R)File 35:(c) 2007 ProQuest Info&Learning. All rts. reserv.

...These clones are phylogenetically most closely related to  
<italic>*Azospirillum*</italic>/<italic>*Magnetospirillum*</italic>/<italic>  
*Phaeospirillum* </italic> and only distantly related to known type II MOB.  
Multivariate analyses did not detect...

14/K/14 (Item 1 from file: 71)  
DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

SPECIES DESCRIPTORS:

Bacteria (microorganisms); *Rhodobacter sphaeroides*; *Rhodoblastus*  
*acidophilus*; *Phaeospirillum molischianum*; *Rhodospirillum*

14/K/15 (Item 2 from file: 71)

Untitled

DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

SPECIES DESCRIPTORS:

Bacteria (microorganisms); Rhodobacter sphaeroides; Rhodoblastus acidophilus; Phaeospirillum molischianum; Rhodospirillum

14/K/16 (Item 3 from file: 71)

DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

SPECIES DESCRIPTORS:

Bacteria (microorganisms); Rhodospirillum rubrum; Rhodobacter sphaeroides; Phaeospirillum molischianum; Photobacteria; Proteobacteria; Rhodospirillum

14/K/17 (Item 4 from file: 71)

DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

SPECIES DESCRIPTORS:

Bacteria (microorganisms); Rhodoblastus acidophilus; Phaeospirillum molischianum; Rhodopseudomonas; Rhodospirillum

14/K/18 (Item 5 from file: 71)

DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

...two possible alphabeta.2Bchl pairs that are observed in the crystal structure of LH2 from Phaeospirillum (formerly Rhodospirillum) molischianum, the one with rings III and V of Bchl overlapping. Consistent with...

SPECIES DESCRIPTORS:

Phaeospirillum ; Rhodospirillum molischianum

14/K/19 (Item 6 from file: 71)

DIALOG(R)File 71:(c) 2007 Elsevier B.V. All rts. reserv.

...groups as different genera. Major diagnostic properties of these bacteria are compared and new genera Phaeospirillum gen. nov., Roseospira gen. nov., Rhodothalassium gen. nov. and Rhodovibrio gen. nov. are described with the species Phaeospirillum fulvum comb. nov., Phaeospirillum molischianum comb. nov., Rhodovibrio salinarum comb. nov., Rhodovibrio sodomensis comb. nov., Rhodothalassium salexigens comb. nov...

SPECIES DESCRIPTORS:

Rhodospirillum mediosalinum; Phaeospirillum ; Roseospira; Rhodothalassium; Rhodovibrio; Phaeospirillum fulvum; Phaeospirillum molischianum; Rhodovibrio salinarum; Rhodovibrio sodomensis; Rhodothalassium salexigens; Roseospira mediosalina; Rhodospirillum rubrum; Rhodospirillum photometricum

14/K/20 (Item 1 from file: 144)

DIALOG(R)File 144:(c) 2007 INIST/CNRS. All rts. reserv.

French Descriptors: Effet memoire; Molecule; Systeme antenne; Spectrometrie ; Fonction memoire; Etat excite; Exciton; Serie temporelle; Molecule isolee; Phaeospirillum molischianum  
? t s14/3/all

14/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

Untitled

0019693954 BIOSIS NO.: 200700353695  
Novel facultative anaerobic acidotolerant *Telmatospirillum siberiense* gen.  
nov sp nov isolated from mesotrophic fen  
AUTHOR: Sizova Maria V; Panikov Nicolai S (Reprint); Spiridonova Elizaveta  
M; Slobodova Natalia V; Tourova Tatiana P  
AUTHOR ADDRESS: Stevens Inst Technol, Dept Chem and Biol Chem, Castle Point  
Hudson, Hoboken, NJ 07030 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: npanikov@stevens.edu  
JOURNAL: Systematic and Applied Microbiology 30 (3): p213-220 APR 2007  
2007  
ITEM IDENTIFIER: doi:10.1016/j.syapm.2006.06.003  
ISSN: 0723-2020  
DOCUMENT TYPE: Article; Taxonomic Key  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

0019682306 BIOSIS NO.: 200700342047  
*Azospirillum canadense* sp nov., a nitrogen-fixing bacterium isolated from  
corn rhizosphere  
AUTHOR: Mehnaz Samina; Weselowski Brian; Lazarovits George (Reprint)  
AUTHOR ADDRESS: Agr and Agri Food Canada, So Crop Protect and Food Res Ctr,  
1391 Sandford St, London, ON N5V 4T3, Canada\*\*Canada  
AUTHOR E-MAIL ADDRESS: lazarovitsg@agr.gc.ca  
JOURNAL: International Journal of Systematic and Evolutionary Microbiology  
57 (Part 3): p620-624 MAR 2007 2007  
ITEM IDENTIFIER: doi:10.1099/ijs.0.64804-0  
ISSN: 1466-5026  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

0019425541 BIOSIS NO.: 200700085282  
AFM studies of the supramolecular assembly of bacterial photosynthetic  
core-complexes  
AUTHOR: Scheuring Simon (Reprint)  
AUTHOR ADDRESS: Inst Curie, CNRS, UMR 168, 26 Rue Ulm, F-75248 Paris,  
France\*\*France  
AUTHOR E-MAIL ADDRESS: simon.scheuring@curie.fr  
JOURNAL: Current Opinion in Chemical Biology 10 (5): p387-393 OCT 2006  
2006  
ISSN: 1367-5931  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18844868 BIOSIS NO.: 200600190263  
Architecture of the native photosynthetic apparatus of *Phaeospirillum*  
Page 19

Untitled

molischianum

AUTHOR: Goncalves Rui Pedro; Bernadac Alain; Sturgis James N; Scheuring Simon (Reprint)

AUTHOR ADDRESS: Inst Curie, CNRS, UMR 168, 11 Rue Pierre and Marie Curie, F-75231 Paris 05, France\*\*France

AUTHOR E-MAIL ADDRESS: simon.scheuring@curie.fr

JOURNAL: Journal of Structural Biology 152 (3): p221-228 DEC 2005 2005

ISSN: 1047-8477

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

14/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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18676114 BIOSIS NO.: 200600021509

Defluvicoccus vanus gen. nov., sp nov., a novel Gram-negative coccus/coccobacillus in the 'Alphaproteobacteria' from activated sludge

AUTHOR: Maszenan A M; Seviour R J (Reprint); Patel B K C; Janssen P H; Wanner J

AUTHOR ADDRESS: La Trobe Univ, Biotechnol Res Ctr, Bendigo, Vic 3550, Australia\*\*Australia

AUTHOR E-MAIL ADDRESS: r.seviour@latrobe.edu.au

JOURNAL: International Journal of Systematic and Evolutionary Microbiology 55 (Part 5): p2105-2111 SEP 2005 2005

ISSN: 1466-5026

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

14/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

18431003 BIOSIS NO.: 200510125503

Simultaneous methanogenesis and phototrophic bacterial growth in relatively dry sewage sludge under light

AUTHOR: Tada Chika; Miah Shohidullah; Tsukahara Kenichiro; Yagishita Tatsuo; Sawayama Shigeki (Reprint)

AUTHOR ADDRESS: Natl Inst Adv Ind Sci and Technol, Energy Technol Res Inst, Biomass Grp, Tsukuba, Ibaraki 3058569, Japan\*\*Japan

AUTHOR E-MAIL ADDRESS: s.sawayama@aist.go.jp

JOURNAL: Journal of General and Applied Microbiology 51 (1): p27-33 FEB 05 2005

ISSN: 0022-1260

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

14/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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17946257 BIOSIS NO.: 200400317014

Interactions stabilizing the structure of the core light-harvesting complex (LH1) of photosynthetic bacteria and its subunit (B820)

AUTHOR: Parkes-Loach Pamela S; Majeed Alia P; Law Christopher J; Loach Paul A (Reprint)

AUTHOR ADDRESS: Dept Biochem Mol Biol and Cell Biol, Northwestern Univ, Page 20

Untitled

Hogan Hall, Room 2-100, Evanston, IL, 60208, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: p-loach@northwestern.edu  
JOURNAL: Biochemistry 43 (22): p7003-7016 June 8, 2004 2004  
MEDIUM: print  
ISSN: 0006-2960 (ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17085860 BIOSIS NO.: 200300043209  
Inhibition of acetate and propionate assimilation by itaconate via  
propionyl-CoA carboxylase in isocitrate lyase-negative purple bacterium  
Rhodospirillum rubrum.  
AUTHOR: Berg Ivan A; Filatova Ludmila V; Ivanovsky Ruslan N (Reprint)  
AUTHOR ADDRESS: Department of Microbiology, Moscow State University,  
119899, Moscow, Russia\*\*Russia  
AUTHOR E-MAIL ADDRESS: ruslan@protein.bio.msu.su  
JOURNAL: FEMS Microbiology Letters 216 (1): p49-54 29 October, 2002 2002  
MEDIUM: print  
ISSN: 0378-1097  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16672038 BIOSIS NO.: 200200265549  
Phylogeny and relationships of a probable new group of bacteria based on  
16S rRNA phylogeny  
AUTHOR: Lau Evan (Reprint); Graham Linda E  
AUTHOR ADDRESS: NASA - Ames Research Center, Moffett Field, CA, USA\*\*USA  
JOURNAL: Ecological Society of America Annual Meeting Abstracts 86 p  
306-307 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 86th Annual Meeting of the Ecological Society of  
America Madison, Wisconsin, USA August 05-10, 2001; 20010805  
SPONSOR: Ecological Society of America  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

14/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16332717 BIOSIS NO.: 200100504556  
Occurrence of aminopropylhomospermidine as the major cellular polyamine in  
a halophilic, phototrophic alpha proteobacterium, Rhodothalassium  
salexigens  
AUTHOR: Hamana Koei (Reprint); Niitsu Masaru; Samejima Keijiro  
AUTHOR ADDRESS: School of Health Sciences, Faculty of Medicine, Gunma  
University, 3-39-15 Showa-machi, Maebashi, 371-8514, Japan\*\*Japan  
JOURNAL: Journal of General and Applied Microbiology 47 (2): p99-101  
April, 2001 2001

Untitled

MEDIUM: print  
ISSN: 0022-1260  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: English

14/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

14648070 BIOSIS NO.: 199800442317  
Reclassification of species of the spiral-shaped phototrophic purple non-sulfur bacteria of the alpha-Proteobacteria: Description of the new genera *Phaeospirillum* gen. nov., *Rhodovibrio* gen. nov., *Rhodothalassium* gen. nov. and *Roseospira* gen. nov. as well as transfer of *Rhodospirillum fulvum* to *Phaeospirillum fulvum* comb. nov., of *Rhodospirillum molischianum* to *Phaeospirillum molischianum* comb. nov., of *Rhodospirillum salinarum* to *Rhodovibrio salinarum* comb. nov., of *Rhodospirillum sodomense* to *Rhodovibrio sodomensis* comb. nov., of *Rhodospirillum salexigens* to *Rhodothalassium salexigens* comb. nov. and of *Rhodospirillum mediosalinum* to *Roseospira mediosalina* comb. nov.  
AUTHOR: Imhoff Johannes F (Reprint); Petri Ralf; Sueling Joerg  
AUTHOR ADDRESS: Inst. Meereskunde Kiel, Duesternbrooker Weg 20, D-24105 Kiel, Germany\*\*Germany  
JOURNAL: International Journal of Systematic Bacteriology 48 (3 PART 4): p 793-798 July, 1998 1998  
MEDIUM: print  
ISSN: 0020-7713  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

14/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2007 The Thomson Corporation. All rts. reserv.

0000320761 BIOSIS NO.: 19361000012250  
Contribucion al estudio de los meloidos americanos. II. Ensayo de clasificacion de las Pyrota (Dej.) Lee. basada en los caracteres sexuales secundarios de los [male][male]  
AUTHOR: DENIER PEDRO C L  
JOURNAL: REV SOC ENT ARGENTINA 6 ((1)): p49-75 1934 1934  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Unspecified

14/3/13 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2007 Proquest Info&Learning. All rts. reserv.

01790692 ORDER NO: AADAA-I9996807  
Molecular assessment of microbial communities in a northern Wisconsin peatland  
Author: Lau, Evan  
Degree: Ph.D.  
Year: 2000  
Corporate Source/Institution: The University of Wisconsin - Madison (0262)  
Source: VOLUME 61/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 6281. 112 PAGES

ISBN: 0-493-04477-9

14/3/14 (Item 1 from file: 71)  
 DIALOG(R)File 71:ELSEVIER BIOBASE  
 (c) 2007 Elsevier B.V. All rts. reserv.

03335474 2006117403  
 Spectral trends in the fluorescence of single bacterial light-harvesting  
 complexes: Experiments and modified redfield simulations  
 Rutkauskas D.; Novoderezhkin V.; Gall A.; Olsen J.; Cogdell R.J.; Hunter  
 C.N.; Van Grondelle R.  
 ADDRESS: D. Rutkauskas, Department of Biophysics and Physics of Complex  
 Systems, Division of Physics and Astronomy, Vrije Universiteit,  
 1081 HV Amsterdam, Netherlands  
 EMAIL: danielis@nat.vu.nl  
 Journal: Biophysical Journal, 90/7 (2475-2485), 2006, United States  
 CODEN: BIOJA  
 ISSN: 0006-3495  
 DOCUMENT TYPE: Article  
 LANGUAGES: English SUMMARY LANGUAGES: English  
 NO. OF REFERENCES: 34

14/3/15 (Item 2 from file: 71)  
 DIALOG(R)File 71:ELSEVIER BIOBASE  
 (c) 2007 Elsevier B.V. All rts. reserv.

03335473 2006117402  
 Comparative study of spectral flexibilities of bacterial light-harvesting  
 complexes: Structural implications  
 Rutkauskas D.; Olsen J.; Gall A.; Cogdell R.J.; Hunter C.N.; Van Grondelle  
 R.  
 ADDRESS: D. Rutkauskas, Department of Biophysics and Physics of Complex  
 Systems, Division of Physics and Astronomy, Vrije Universiteit,  
 1081 HV Amsterdam, Netherlands  
 EMAIL: danielis@nat.vu.nl  
 Journal: Biophysical Journal, 90/7 (2463-2474), 2006, United States  
 CODEN: BIOJA  
 ISSN: 0006-3495  
 DOCUMENT TYPE: Article  
 LANGUAGES: English SUMMARY LANGUAGES: English  
 NO. OF REFERENCES: 50

14/3/16 (Item 3 from file: 71)  
 DIALOG(R)File 71:ELSEVIER BIOBASE  
 (c) 2007 Elsevier B.V. All rts. reserv.

03238655 2006050513  
 Design of a minimal polypeptide unit for bacteriochlorophyll binding and  
 self-assembly based on photosynthetic bacterial light-harvesting proteins  
 Noy D.; Dutton P.L.  
 ADDRESS: D. Noy, Department of Structural Biology, Weizmann Institute of  
 Science, Rehovot 76100, Israel  
 EMAIL: dror.noy@weizmann.ac.il  
 Journal: Biochemistry, 45/7 (2103-2113), 2006, United States  
 PUBLICATION DATE: February 21, 2006  
 CODEN: BICHA  
 ISSN: 0006-2960  
 DOCUMENT TYPE: Article  
 LANGUAGES: English SUMMARY LANGUAGES: English  
 NO. OF REFERENCES: 60

Untitled

14/3/17 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2007 Elsevier B.V. All rts. reserv.

02936879 2005091990  
Circular dichroism of carotenoids in bacterial light-harvesting complexes:  
Experiments and modeling  
Georgakopoulou S.; Van Grondelle R.; Van Der Zwan G.  
ADDRESS: Dr. G. Van Der Zwan, Vrije Universiteit, Chemistry, de Boelelaan  
1883, 1081 HV Amsterdam, Netherlands  
EMAIL: zwan@few.vu.nl  
Journal: Biophysical Journal, 87/5 (3010-3022), 2004, United States  
CODEN: BIOJA  
ISSN: 0006-3495  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 52

14/3/18 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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02672585 2004147793  
Interactions stabilizing the structure of the core light-harvesting complex  
(LH1) of photosynthetic bacteria and its subunit (B820)  
Parkes-Loach P.S.; Majeed A.P.; Law C.J.; Loach P.A.  
ADDRESS: P.A. Loach, Department of Biochemistry, Hogan Hall, Northwestern  
University, Evanston, IL 60208-3500, United States  
EMAIL: p-loach@northwestern.edu  
Journal: Biochemistry, 43/22 (7003-7016), 2004, United States  
PUBLICATION DATE: June 8, 2004  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 59

14/3/19 (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00954511 1998199698  
Reclassification of species of the spiral-shaped phototrophic purple  
non-sulfur bacteria of the alpha-Proteobacteria: Description of new  
genera as well as transfer of Rhodospirillum species names  
Imhoff J.F.; Petri R.; Suling J.  
ADDRESS: J.F. Imhoff, Institut fur Meereskunde Kiel, Dusternbrooker Weg 20,  
D-24105 Kiel, Germany  
EMAIL: jimhoff@ifm.uni-kiel.de  
Journal: International Journal of Systematic Bacteriology, 48/3 (793-798),  
1998, United Kingdom  
CODEN: IJSBA  
ISSN: 0020-7713  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 31

14/3/20 (Item 1 from file: 144)



Untitled

DIALOG(R)File 144:Pasca1  
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18268953 PASCAL No.: 07-0365097  
Memory effects in single-molecule spectroscopy  
HBSM 2006: Proceedings of the Ninth International Meeting on Hole  
Burning, Single Molecule, and Related Spectroscopies: Science and  
Applications, held in Aussois, France, 24-29 June 2006  
SCHMITT Daniel T; SCHULZ Michael; REINEKER Peter  
GALAUP Jean-Pierre, ed; LORGERE Ivan, ed; LE GOUET Jean-Louis, ed  
Institute of Theoretical Physics, Ulm University, Albert-Einstein-Allee  
11, 89069 Ulm, Germany; Center for Polymer Studies, Boston University,  
Boston, MA 02215, United States  
CNRS, Laboratoire Aime Cotton, Campus Universitaire, Batiment 505, 91405  
Orsay, France  
HBSM 2006 International Meeting on Hole Burning, Single Molecule, and  
Related Spectroscopies: Science and Applications, 9 (Aussois FRA)  
2006-06-24  
Journal: Journal of luminescence, 2007, 127 (1) 230-234  
Language: English

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14/3/21 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

144133633 CA: 144(8)133633x PATENT  
Method and device for purifying indoor air by photosynthetic bacteria  
INVENTOR(AUTHOR): Yang, Mengjun  
LOCATION: Peop. Rep. China,  
PATENT: Faming Zh. Sh. Gong. Shuom ; CN 1623630 A DATE: 20050608  
APPLICATION: CN 10115554 (20031201)  
PAGES: 10 pp. CODEN: CNXXEV LANGUAGE: Chinese  
PATENT CLASSIFICATIONS:  
CLASS: B01D-053/84A; F24F-003/16B; A61L-009/00B

14/3/22 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

142284492 CA: 142(15)284492k PATENT  
Microbial agent for sewage and wastewater treatment  
INVENTOR(AUTHOR): Choi, Seong Ho; Jung, Byung Gil  
LOCATION: S. Korea  
ASSIGNEE: Daehan Chemical Co., Ltd.  
PATENT: Repub. Korean Kongkae Taeho ; KR 20030086477 A DATE: 20031110  
APPLICATION: KR 66287 (20030924)  
PAGES: No pp. given CODEN: KRXXA7 LANGUAGE: Korean  
PATENT CLASSIFICATIONS:  
CLASS: C02F-003/00A

14/3/23 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

140308630 CA: 140(19)308630r PATENT  
Bacterial composition for anaerobic-aerobic treatment of fecal wastes  
INVENTOR(AUTHOR): Pei, Xili  
LOCATION: Peop. Rep. China,

Untitled

PATENT: Faming Zh. Sh. Gong. Shuom ; CN 1389409 A DATE: 20030108  
APPLICATION: CN 2002133481 (20020717)  
PAGES: 7 pp. CODEN: CNXXEV LANGUAGE: Chinese  
PATENT CLASSIFICATIONS:  
CLASS: C02F-003/34A

14/3/24 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

140160408 CA: 140(11)160408b JOURNAL  
Isolation and characterization of bacteria capable of degrading phenol  
and reducing nitrate under low-oxygen conditions  
AUTHOR(S): Back, Seung-hun; Kim, Kyoung-ho; Yin, Cheng-ri; Jeon, Che Ok;  
Im, Wan-taek; Kim, Kwang-kyu; Lee, Sung-taik  
LOCATION: Department of Biological Sciences, Korean Advanced Institute of  
Science and Technology, Taejon, 305-701, S. Korea  
JOURNAL: Curr. Microbiol. (Current Microbiology) DATE: 2003 VOLUME: 47  
NUMBER: 6 PAGES: 462-466 CODEN: CUMIDD ISSN: 0343-8651 LANGUAGE:  
English PUBLISHER: Springer-Verlag New York Inc.

14/3/25 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

139377786 CA: 139(25)377786n JOURNAL  
Amino acid sequences and distribution of high-potential iron-sulfur  
proteins that donate electrons to the photosynthetic reaction center in  
phototropic proteobacteria  
AUTHOR(S): Van Driessche, G.; Vandenberghe, I.; Devreese, B.; Samyn, B.;  
Meyer, T. E.; Leigh, R.; Cusanovich, M. A.; Bartsch, R. G.; Fischer, U.;  
Van Beeumen, J. J.  
LOCATION: Department of Biochemistry, Physiology and Microbiology,  
Laboratory for Protein Biochemistry and Protein Engineering, University of  
Ghent, 9000, Ghent, Belg.  
JOURNAL: J. Mol. Evol. (Journal of Molecular Evolution) DATE: 2003  
VOLUME: 57 NUMBER: 2 PAGES: 181-199 CODEN: JMEVAU ISSN: 0022-2844  
LANGUAGE: English PUBLISHER: Springer-Verlag New York Inc.

14/3/26 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2007 American Chemical Society. All rts. reserv.

139168611 CA: 139(11)168611n TECHNICAL REPORT  
Molecular analysis of bacterial diversity in uranium waste piles  
AUTHOR(S): Geissler, Andrea  
LOCATION: Von der Fakultät für Geowissenschaften, Geotechnik und  
Bergbau, Technischen Universität Bergakademie Freiberg, Freiberg, Germany,  
JOURNAL: Wiss.-Tech. Ber. - Forschungszent. Rossendorf (  
Wissenschaftlich-Technische Berichte - Forschungszentrum Rossendorf)  
DATE: 2003 NUMBER: FZR-377 PAGES: i-x, 1-75 CODEN: WBFRLFQ ISSN:  
1437-322X LANGUAGE: German

14/3/27 (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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137153938 CA: 137(11)153938j PATENT  
Biotechnological production of aromas and aroma compounds  
Page 26

Untitled

INVENTOR(AUTHOR): Eisele, Peter

LOCATION: Germany,

PATENT: Germany Offen. ; DE 10009433 A1 DATE: 20020814

APPLICATION: DE 10009433 (20000420)

PAGES: 4 pp. CODEN: GWXXBX LANGUAGE: German

PATENT CLASSIFICATIONS:

CLASS: C12P-001/00A; A61K-007/46B; A23L-001/23B

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